

**AMENDMENTS TO THE CLAIMS**

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

1. (Currently Amended) A recording medium having a data structure for managing random/shuffle reproduction of video data ~~by a computer if read by the computer,~~ the recording medium comprising:

a stream area storing at least one stream file including the video data;

a playlist area storing at least one playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and

a management area storing at least one title management information file including at least one segment, the segment including a command executing the playlist file, the title management information file being separate and having different file extension from the playlist file,

wherein the playing interval represented by the playitem is a unit to be randomized or shuffled during random/shuffle reproduction.

2. (Previously Presented) The recording medium of claim 1, wherein a title managed by the title management information file is a logical unit of the video data that is regarded as a reproduction unit by users.

3. (Cancelled)

4. (Currently Amended) The recording medium of claim 13, wherein the ~~branch point information has segments, each segment is being assigned to each a~~ reproduction path of the video data.

5. – 10. (Cancelled)

11. (Currently Amended) The recording medium of claim 1, wherein the playitem is associated with a whole clip or a portion of clip based on clip information stored in a clip information area of the recording medium.

12. (Currently Amended) A method for recording a data structure for managing random/shuffle reproduction of video data on a recording medium, the method comprising:

recording with a recording device at least one stream file including the video data in ~~a stream area of the recording medium~~;

recording at least one playlist file in ~~a playlist area of the recording medium~~, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and

recording a title management information file in ~~a management area of the recording medium~~, the title management information being separate and having different file extension from the playlist file, the title management information file including at least one segment, the segment including a command executing the playlist file,

wherein the playing interval represented by the playitem is a unit to be

randomized or shuffled during random/shuffle reproduction.

13. (Currently Amended) A method for reproducing video ~~a data stream that has been recorded on a recording medium having a data structure for managing random/shuffle reproduction of the video data thereon, the method comprising:~~

reproducing with a reproducing device at least one title management information file including at least one segment from ~~a management area of the recording medium, the title management information file including at least one segment, the segment including a command executing a playlist file;~~

reproducing the playlist file executed by the segment from ~~a playlist file area of the recording medium, the playlist file being separate and having different file extension from the title management information file, the playlist file including a plurality of playitems, the playitem representing a playing interval of a clip of the video data and indicating a presentation start time and a presentation end time of the playing interval; and~~

reproducing a stream file including the video data ~~the clip indicated by the playlist file from a stream area of the recording medium,~~

wherein the playing interval represented by the playitem is a unit to be randomized or shuffled during random/shuffle reproduction.

14. (Currently Amended) An apparatus for recording a data structure for managing random/shuffle reproduction of video data on a recording medium, the apparatus comprising:

a recording device configured to record data ~~a stream file including the video data in a stream area of the recording medium; and~~

a controller operably coupled to the reproducing device to,  
record a stream file including the video data~~record the video data~~ on the  
recording medium,

~~wherein the controller controls the recording device to~~ record at least one  
playlist file in a ~~playlist area of~~ the recording medium, the playlist file including a  
plurality of playitems, the playitem representing a playing interval of a clip of the video  
data and indicating a presentation start time and a presentation end time of the  
playing interval, the playitems being a unit to be randomized or shuffled during  
random/shuffle reproduction, and ~~the controller controls the recording device to~~

record a title management information file in a ~~management area of~~ the  
recording medium, the title management information file being separate and having  
different file extension from the playlist file, the title management information file  
including at least one segment, the segment including a command executing a playlist  
file.

15. (Currently Amended) An apparatus for reproducing video ~~a data stream~~  
recorded on a recording medium having a data structure for managing  
random/shuffle reproduction of the video data thereon, the apparatus comprising:

a reproducing device configured to reproduce data ~~a stream file including the~~  
~~video data from a stream area of~~ the recording medium; and

a controller operably coupled to the reproducing device

to,

reproduce a title management information file including at least one segment,  
the segment including a command executing a playlist file, from a ~~management area of~~  
the recording medium, ⁂

~~to reproduce a playlist file executed by the segment from a playlist area of the~~  
recording medium, the playlist file being separate and having different file extension  
from the title management information file, the playlist file including a plurality of  
playitems, the playitem representing a playing interval of a clip of the video data and  
indicating a presentation start time and a presentation end time of the playing  
interval, and

~~to reproduce a stream file including the video data the clip indicated by the~~  
~~playlist file the clip from a stream area on the recording medium.~~

wherein the playing interval represented by the playitem is a unit to be  
randomized or shuffled during random/shuffle reproduction.

16-20. (Canceled)

21. (Currently Amended) The method of claim 12, wherein further comprising  
regarding a title managed by the title management information file that is a logical  
unit of the video data managed by the title management information file as a  
reproduction unit.

22. - 24. (Cancelled)

25. (Currently Amended) The method of claim 12, further comprising  
associating the playitem with a whole clip or a portion of clip based on clip information  
stored in the recording medium~~a clip information area~~.

26. (Currently Amended) The method of claim 13, wherein further comprising

~~regarding a title managed by the title management information file that is a logical unit of the video data that is regarded managed by the title management information file as a reproduction unit by users.~~

27. – 29. (Cancelled)

30. (Currently Amended) The method of claim 13, further comprising associating the playitem with a whole clip or a portion of clip based on clip information stored in the recording medium~~a clip information area~~.

31. (Previously Presented) The apparatus of claim 14, wherein a title managed by the title management information file is a logical unit of video data that is regarded as a reproduction unit by users.

32. – 34. (Cancelled)

35. (Currently Amended) The apparatus of claim 14, wherein the controller controls the recording device to record the playitem associated with a whole clip or a portion of clip based on clip information stored in the recording medium~~a clip information area~~.

36. (Previously Presented) The apparatus of claim 15, wherein a title managed by the title management information file is a logical unit of video data that is regarded as a reproduction unit by users.

37. – 39. (Cancelled)

40. (Currently Amended) The apparatus of claim 15, wherein the controller controls the reproducing device to reproduce the playitem associated with a whole clip or a portion of clip based on clip information stored in the recording medium~~a clip information area~~.

41. (Previously Presented) The apparatus of claim 14, further comprising a source packetizer configured to packetize the video data.

42. (Previously Presented) The apparatus of claim 15, further comprising a source depacketizer configured to depacketize a packet of the video data.

**<End of Claims Listing>**